

November 1, 2015

U.S. Environmental Protection Agency  
Region VII SUPR/MOKS  
11201 Renner Boulevard  
Lenexa, KS 66219

**ATTENTION:** Ms. Lynn Juett

**SUBJECT: Supplement to Isolation Barrier Alternatives Analysis  
West Lake Landfill Superfund Site, Bridgeton, Missouri**

Dear Ms. Juett:

On October 10, 2014, Bridgeton Landfill, LLC submitted its Isolation Barrier Alternatives Analysis to US EPA Region VII, in response to your August 26, 2014, directive.

In October 2015, following review of that plan by EPA and state and federal agencies, Bridgeton Landfill, LLC submitted Responses to EPA's and Other Agencies' Comments on that report. As noted in our October submission, during the year between submission of the original report and response to comments, Bridgeton Landfill undertook numerous additional steps to evaluate and study cooling technologies and their implementability. The October 2015 Comment response included the results of that analysis, and also reported on Bridgeton Landfill's continued and planned efforts to evaluate cooling technologies.

The enclosed "Technical Evaluation of a Heat Extraction Barrier" was submitted to MDNR today, providing a technical evaluation of a potential additional heat extraction line to control temperatures within the Neck Area. We are submitting this study to US EPA to supplement the Isolation Barrier Alternatives Analysis and Comment Response, and propose that the cooling line evaluated in the attached report be considered by US EPA as an additional or supplemental component for the agency's evaluation of isolation barrier alternatives. We propose that the design outlined within the attached report be considered a second design option for a Heat Extraction Barrier, and would be classified as Option 5.

We remain available to discuss this and all other elements of the isolation barrier submissions if you need additional information during your evaluation.

Sincerely,



Bridgeton Landfill, LLC  
Brian Power, Environmental Manager

Attachment: Technical Evaluation of a Heat Extraction Barrier

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